

ORIGINAL



0000097634

RECEIVED

BEFORE THE ARIZONA CORPORATION COMMISSION

KRISTIN K. MAYES

Chairman

GARY PIERCE

Commissioner

PAUL NEWMAN

Commissioner

SANDRA D. KENNEDY

Commissioner

BOB STUMP

Commissioner

Arizona Corporation Commission

DOCKETED

JUN 11 2009

DOCKETED BY

DOCKET NO. E-00000M-08-0170

IN THE MATTER OF THE GENERIC
DOCKET FOR THE 90 DAY PRE-
APPLICATION PLANS FOR POWER
PLANTS FILED PURSUANT TO A.R.S. §
40-360.02(B)

**NOTICE OF FILING SUPPLEMENTAL
PLAN PURSUANT TO A.R.S. § 40-
360.02(B)**

On June 1, 2009, Starwood Solar I, L.L.C. ('Starwood') provided notice that it filed its 90 Day Notice pursuant to A.R.S. § 40-360.02(B) with the Director of the Utilities' Division as Starwood had designated the entire notice and its attachments as confidential. Starwood is supplementing its filing by withdrawing its request for confidentiality on all of its filing except the response to Question No. 7 and the transmission study attachment. The supplemental 90 Day Notice is attached.

RESPECTFULLY SUBMITTED this 11th day of June, 2009.

JENNINGS, STROUSS & SALMON, P.L.C.

By:

Kenneth C. Sundlof, Jr.
201 East Washington Street - 11th Floor
Phoenix, AZ 85004-2384
Attorney Salt River Project Agricultural
Improvement and Power District

1 **ORIGINAL** and 13 copies
2 of the foregoing filed this
3 11th day of June, 2009, with:

4 Arizona Corporation Commission
5 Docket Control
6 1200 W. Washington Street
7 Phoenix, AZ 85007

8 By Michelle Maser
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27



Jennings, Strouss & Salmon, PLC
Attorneys at Law

201 East Washington Street
11th Floor
Phoenix, Arizona 85004-2385
Telephone: 602.262.5911
www.jsslaw.com

KENNETH C. SUNDLOF, JR.
Direct Dial: 602.262.5946
Direct Fax: 602.495.2659
sundlof@jsslaw.com

June 11, 2009

ARIZONA CORPORATION COMMISSION
Utilities Division
Attention: Ernest Johnson, Director
1200 W. Washington Street
Phoenix, AZ 85007

Re: *Starwood Solar I, L.L.C.'s 90 Day Notice Pursuant to 40-360.02 re the proposed Solar-Thermal Electrical Generating Plant*
Docket No. E-00000M-08-0170

Dear Madam/Sir:

Starwood Energy and Lockheed Martin have teamed to propose construction of a utility scale solar thermal power project. The project has been organized as Starwood Solar I, L.L.C. ("Starwood"). An overview description of the project development team is provided as **Appendix 1**. Pursuant to the provisions of A.R.S. § 40-360.02, Starwood provides the Arizona Corporation Commission ("ACC") its 90 day notice and states as follows:

1. The size and location of each plant proposed to be constructed.

Starwood proposes to construct a 290-megawatt (nominal) solar generation facility in the Harquahala Valley. The generation facility will consist of solar collectors (approximately 3000 100-meter -long parabolic troughs), two 145 MW steam turbine generators and an indirect thermal-energy-storage system. The proposed project will be located on 1,920 acres of land located in Maricopa County on the Southwest corner of 491st Avenue and Salome Highway as depicted by Figure 1.

2. The purpose to be served by each proposed plant.

The entire output of the generation facility will be provided to Arizona Public Service Company under a 30 year power purchase agreement. Arizona Public Service Company intends to use the output to serve its retail load.

3. The estimated date by which each plant will be in operation.

The generation facility is scheduled to begin construction in 2010 and will be fully operational by June of 2013.

4. The average and maximum power output measured in megawatts of each plant to be installed.

The plant will be an "as-available" resource. The plant is intended to be operated anywhere between the minimum turndown of approximately 50 MW net, up to the maximum output of 290 MW net. The output of the two 145 MW independent steam turbine generators ("STGs") can be controlled individually, allowing the project to provide a high degree of flexibility in operations.

5. The expected capacity factor for each proposed plant.

The capacity factor for the plant will depend upon the final detail design of the project. The project proposes to use salt storage technology to extend its daily hours of operation. This is expected to yield a plant capacity factor in the range of 30-40%.

6. The type of fuel to be used for each proposed plant.

Once operational, the plant will be fueled with solar energy. In addition, small diesel-fired internal combustion engines will be used for emergency power and to service the fire-fighting system.

7. The plans for any new facilities shall include a power flow and stability analysis report showing the effect on the current Arizona electric transmission system. Transmission owners shall provide the technical reports, analysis or basis for projects that are included for serving customer load growth in their service territories.

The response to this question and the transmission study are to remain confidential.

Very truly yours,

JENNINGS, STROUSS & SALMON, P.L.C.



By

Kenneth C. Sundlof, Jr.

APPENDIX A: Starwood Solar I Project Overview

Starwood Energy and Lockheed Martin have teamed to propose construction of a 290 MW utility scale solar thermal power project called Starwood Solar I. The project is located on 1,880 acres of land located in Maricopa County on the Southwest corner of 491st Avenue and Salome Highway. The project is scheduled for completion in 2013.

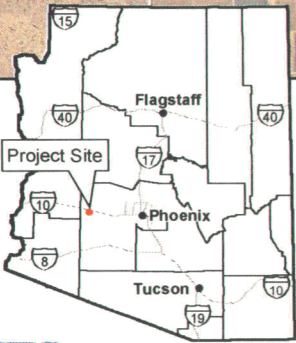
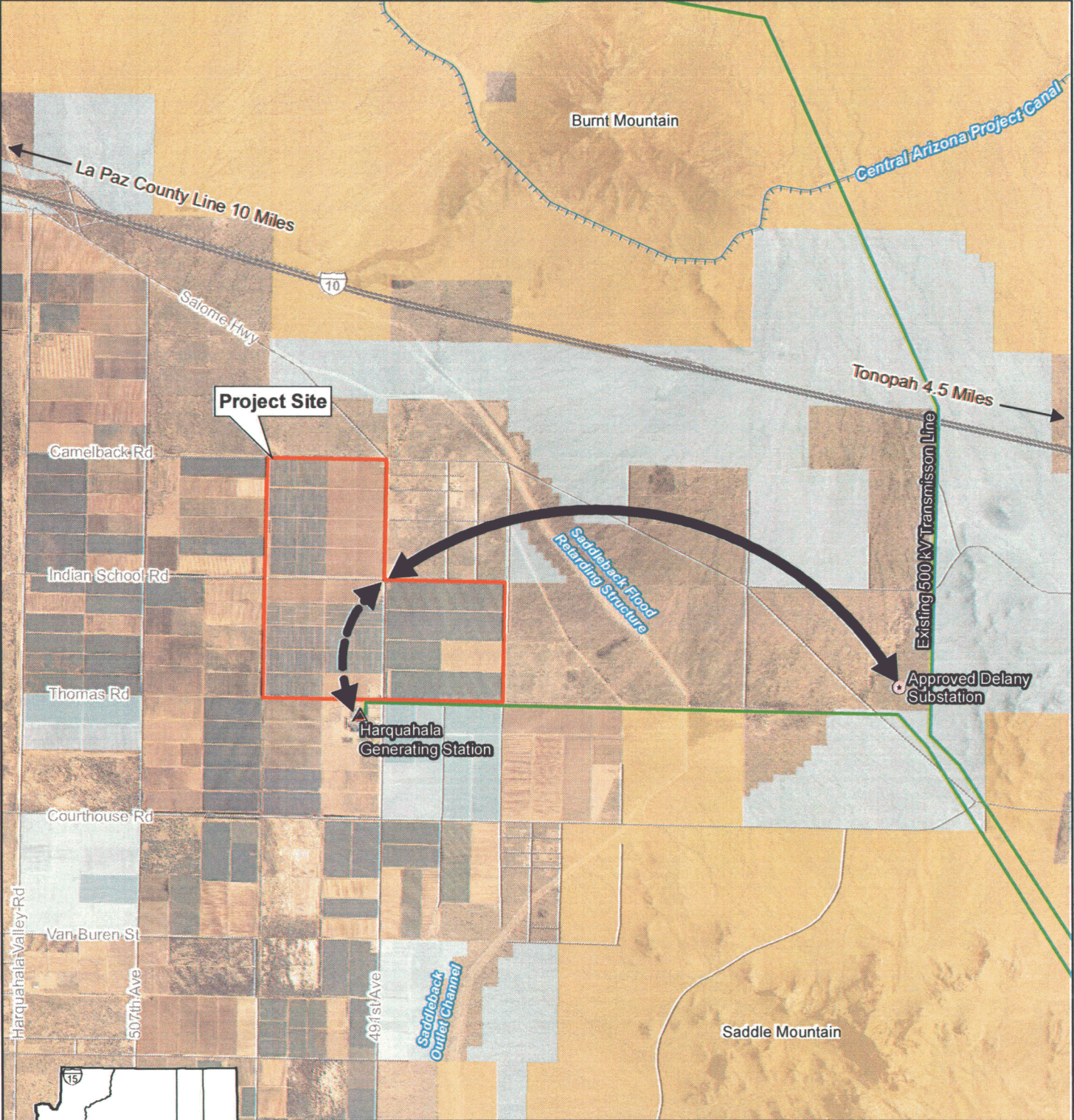
Starwood Solar I will be owned by an affiliate of Starwood Energy. Starwood Energy is an affiliate of the international investment firm, Starwood Capital Group. Starwood has experience in the development and construction of solar and natural gas-fired generating facilities. Since 2006, Starwood, through Nautilus Solar LLC, has begun operating seven solar power projects and has additional projects under construction.

Lockheed Martin will be responsible for Starwood Solar I project design, construction and operation. Lockheed Martin with has extensive system integration experience as an aerospace and defense contractor. Lockheed Martin teamed with Starwood Energy in 2007 to help develop utility-scale solar power facilities. They recently completed construction of a solar field test facility in New Jersey.

Figure 2: Artist rendering of a 290MW Parabolic Trough Solar Thermal Electric Plant



FIGURE 1



LEGEND

Existing 500kV Transmission Line

Surface Management

- Bureau of Land Management
- State Trust Land
- Private

Transmission Line Interconnection (Conceptual)

Additional 500kV Interconnection (Conceptual)

**Project Site
Starwood Solar I**

